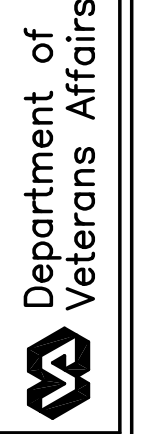




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2. CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING/PROPOSED UTILITY CROSSINGS, AND WHERE EXISTING UTILITIES CONNECT INTO NEW UTILITY MAINS.
3. ALL PAVEMENT MARKED FOR DEMOLITION SHALL BE FULL DEPTH SAW CUT PRIOR TO REMOVAL.
4. CONTRACTOR SHALL KEEP ACCESS OPEN TO ALL EXISTING DOORS, FIRE EXITS, AND LOADING DOCKS DURING ALL PHASES OF CONSTRUCTION. IF TEMPORARY CLOSURES ARE REQUIRED, COORDINATE WITH VA ADMINISTRATION A MINIMUM OF 2 WEEKS IN ADVANCE.
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7. CONTRACTOR SHALL MAINTAIN 7.5' BURY DEPTH OVER ALL NEW WATERMAIN.
8. CONTRACTOR SHALL PROTECT THE EXISTING WATERMAIN AND ENSURE THAT VA MEDICAL CAMPUS HAS NO DISRUPTION OF SERVICE. NEW WATERMAIN SHALL BE INSTALLED AND OPERATIONAL BEFORE ANY CONNECTION OF EXISTING WATER SERVICE. COORDINATE ANY REQUIRED LOSS OF SERVICE WITH VA ADMINISTRATION PRIOR TO WORK.
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13. ALL GRASSED AREAS DISTURBED BY CONSTRUCTION SHALL HAVE TOPSOIL (6" DEPTH), GRADED, SEEDED, AND HYDRO-MULCHED.

BENCHMARKS:

1. BM #1: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE NORTHWEST CORNER OF THE INTERSECTION OF ELM STREET & 21ST AVENUE NORTH. ELEVATION = 902.46 (NAVD 88)
2. BM#2: THE SOUTHEAST FLANGE BOLT OF THE FIRE HYDRANT LOCATED IN THE SOUTH PARKING LOT. ELEVATION = 891.74 (NAVD 88)





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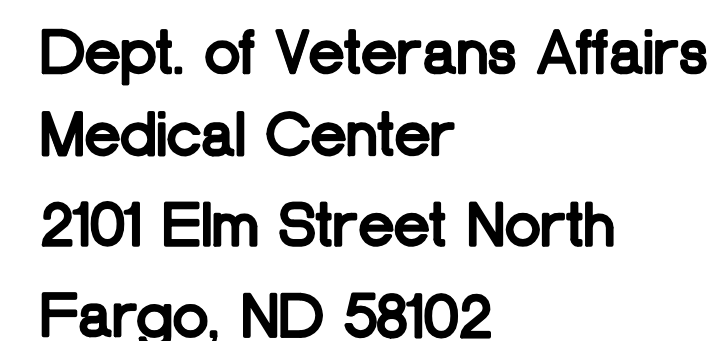


IMAGE GROUP INC., Architecture & Interiors
MBN ENGINEERING, Civil Engineers



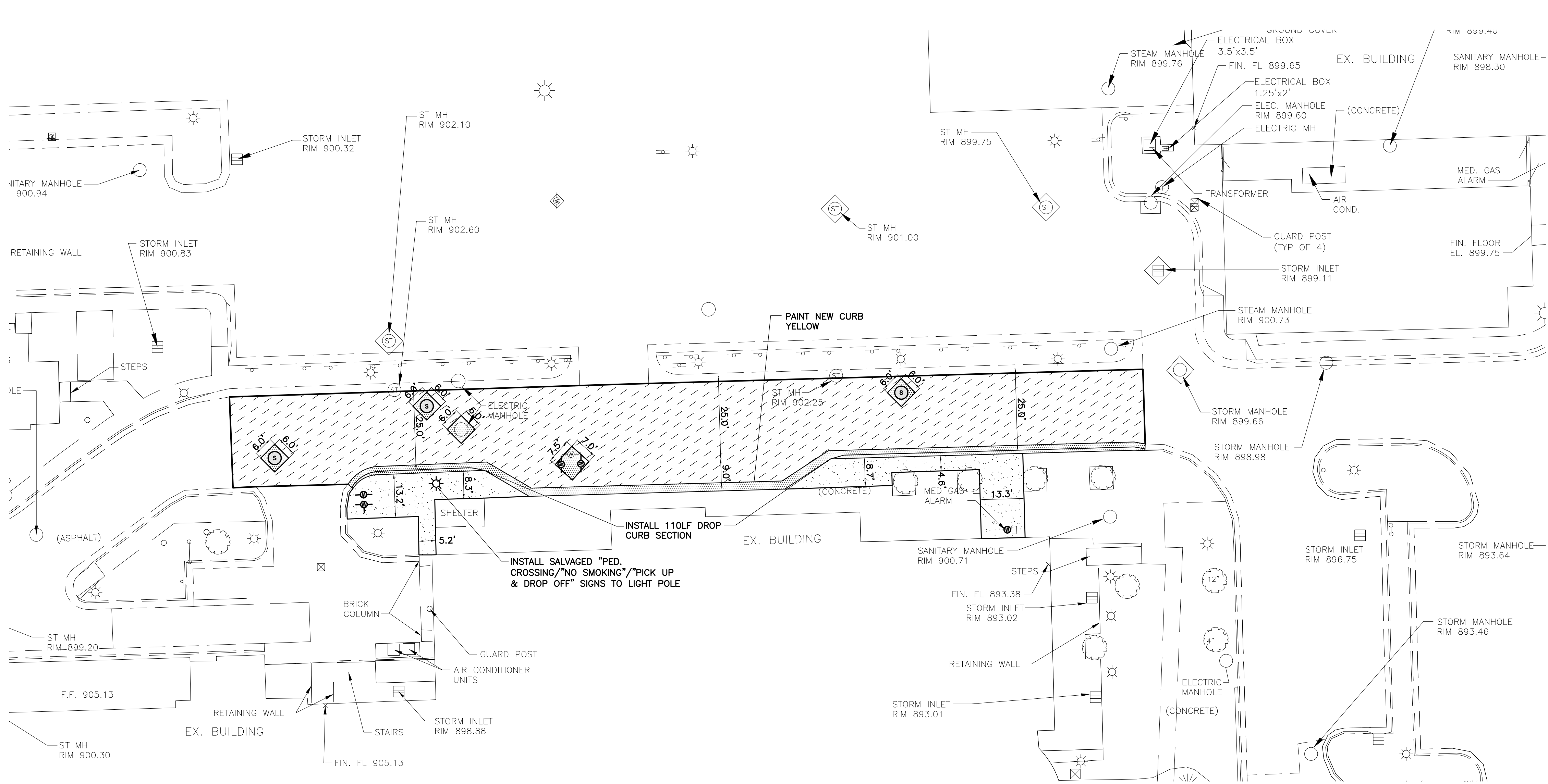
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|---|--|---|----------------------|--------------------|--------------------------|-----------------------------------|
| Drawing Title PHASE 4 - UTILITY PLAN EROSION CONTROL PLAN | | Project Title VA MEDICAL CENTER REPLACE UTILITY MAINS AND ASPHALT | | | Date MAY 17, 2012 | Department of Veterans Affairs |
| | | | | | SCALE AS NOTED | |
| VA Project No. 437-11-156 | Contract No. VA263-P-1217 VA263-C- | Designed By TE | Checked By JM | Drawn By TE | | |
| Building No. SITE | AutoCAD File Name 11-NO C4.2DWG | Location VA MEDICAL CENTER FARGO, ND | | | Drawing No. C4.2 | |
| | | | | | Dep. 17 of 45 | |



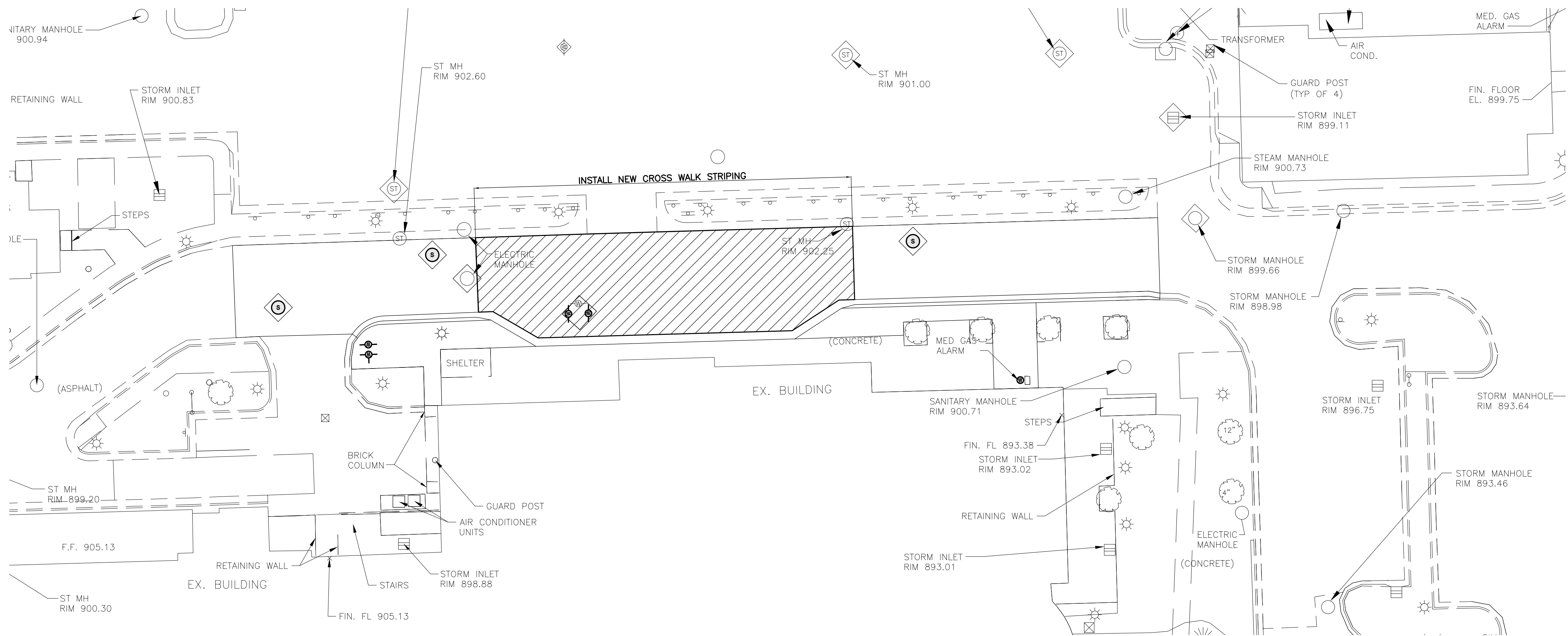
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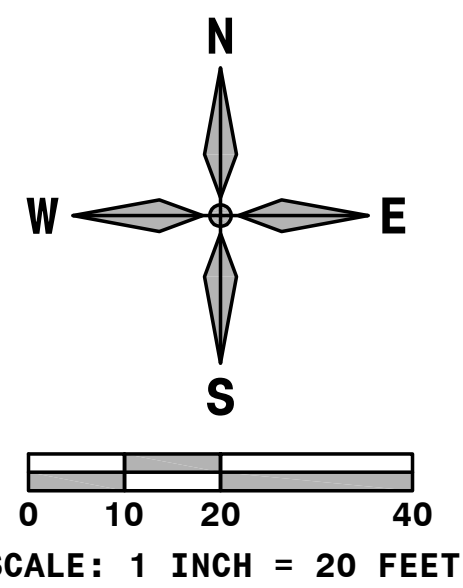




PAVING LAYOUT



STRIPING LAYOUT



SYMBOL LEGEND:

| | | | |
|--|--------------------------------|--|-------------------------------------|
| | EXISTING MANHOLE | | EXISTING TELEPHONE PEDESTAL |
| | EXISTING STORM INLET | | EXISTING TELEVISION PEDESTAL |
| | EXISTING STORM CLEANOUT | | EXISTING STREET SIGN |
| | EXISTING SANITARY CLEANOUT | | EXISTING WATER SERVICE VALVE |
| | EXISTING ELECTRIC MANHOLE | | EXISTING OUTLET POST |
| | EXISTING GATE VALVE | | EXISTING GUARD POST |
| | EXISTING FIRE HYDRANT | | EXISTING FLAG POLE |
| | EXISTING LIGHT POLE | | EXISTING CHAIN LINK FENCE |
| | EXISTING TRANSFORMER | | NEW SANITARY MANHOLE |
| | EXISTING TREE | | NEW FIRE HYDRANT |
| | EXISTING TREE | | NEW GATE VALVE |
| | EXISTING SHRUB | | NEW POST INDICATOR VALVE |
| | EXISTING POWER POLE | | NEW 4" REINFORCED CONCRETE SIDEWALK |
| | EXISTING POWER POLE WITH RISER | | NEW 6" REINFORCED CONCRETE PAVEMENT |
| | EXISTING POWER POLE ANCHOR | | NEW 9" ASPHALT PAVEMENT |
| | | | NEW TYPE II MOUNTABLE CURB & GUTTER |
| | | | SALVAGED LIGHT POLE |

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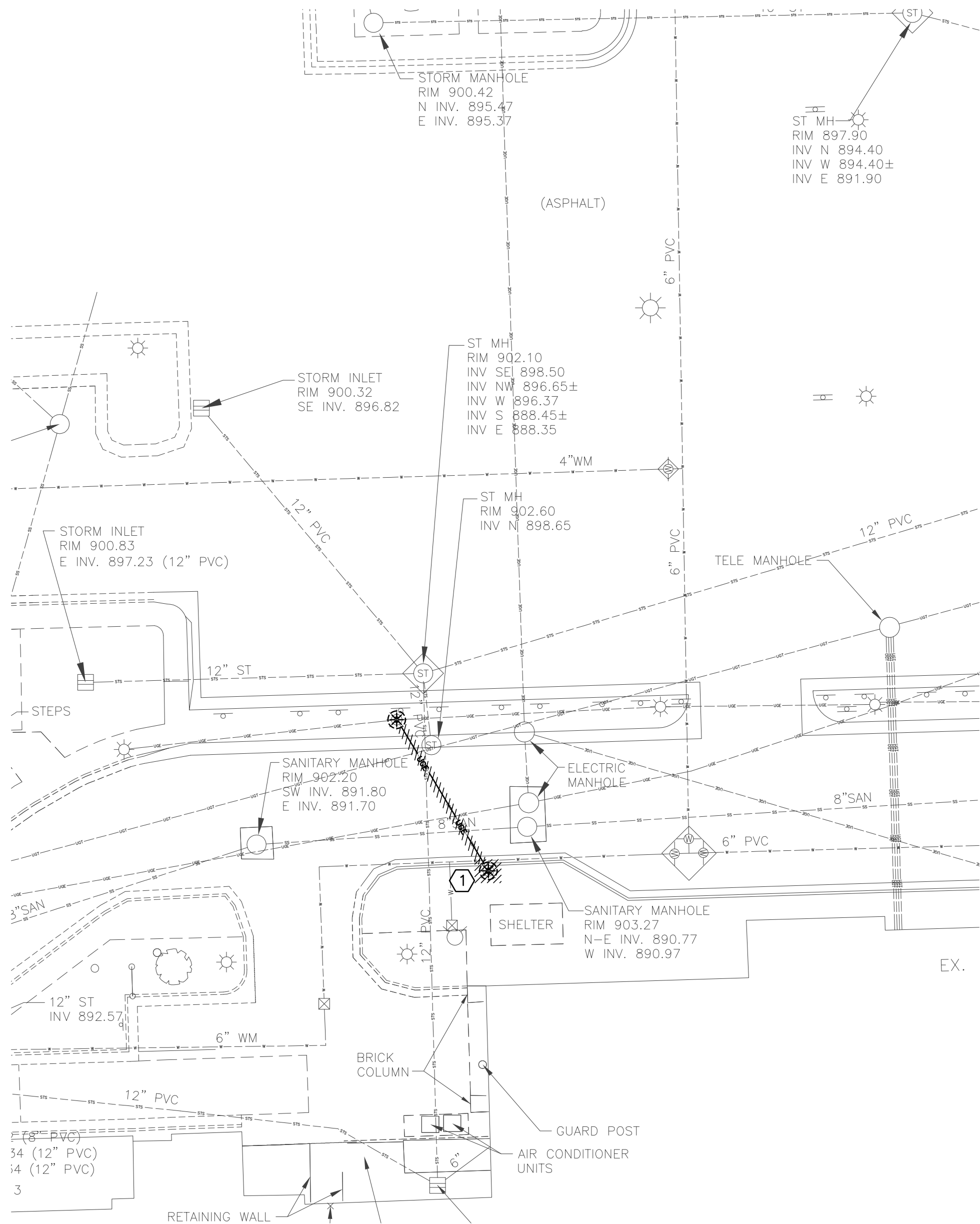
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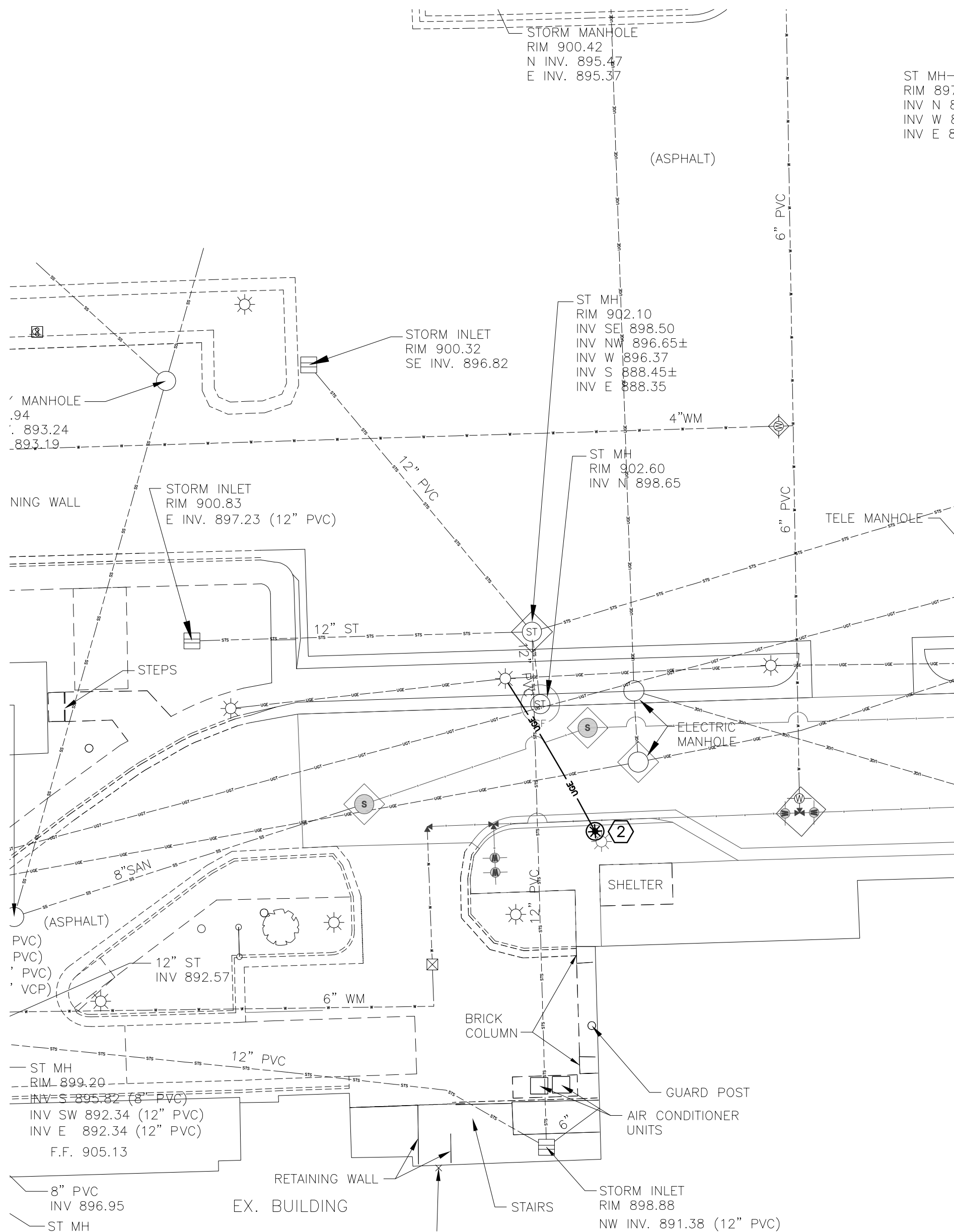
| ELECTRICAL SYMBOLS LEGEND | |
|---------------------------|--|
| SYMBOLS | DESCRIPTION |
| | DASHED LINES INDICATE EXISTING FIXTURES, DEVICES, OR EQUIPMENT |
| | POST TOP MOUNTED LIGHTING FIXTURE |
| | ARM MOUNTED PARKING LOT LIGHTING FIXTURE |
| | UNDER GROUND ELECTRICAL |
| | NOTE IDENTIFICATION |

PLAN NOTES:

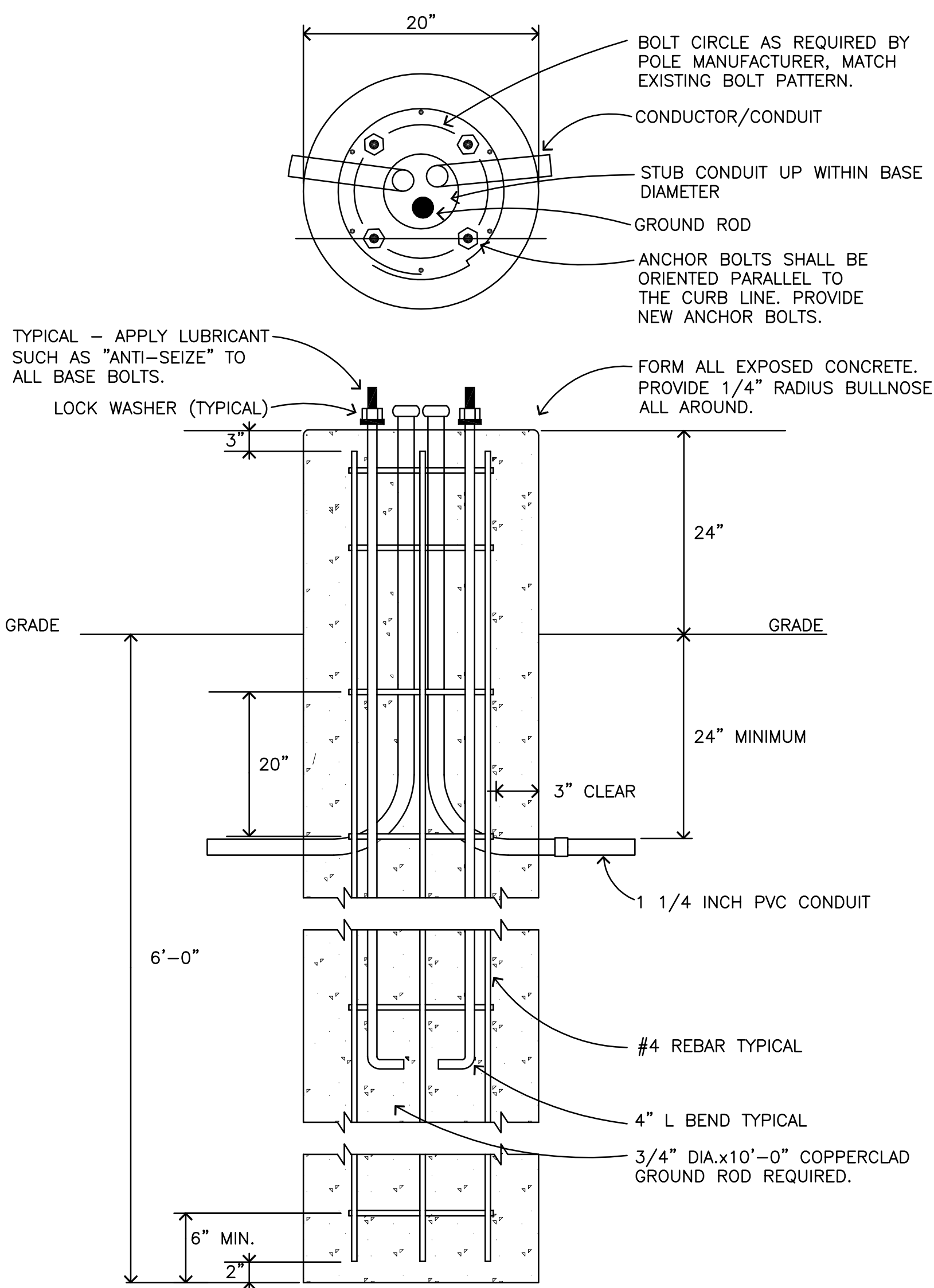
- ① LIGHT FIXTURE AND POLE TO BE REMOVED AND SALVAGED FOR REINSTALLATION WHERE SHOWN ON 2/E4.5. PROVIDE STORAGE OF LIGHT FIXTURE DURING CONSTRUCTION. REMOVE POLE BASE. REMOVE CONDUCTORS BETWEEN LIGHT FIXTURES AND WIRING BACK TO SOURCE SHOWN.
- ② REINSTALL LIGHT FIXTURE AND POLE SALVAGED DURING DEMOLITION. SEE LIGHT POLE BASE DETAIL 3/E4.5. MATCH CONDUCTOR SIZE AND NUMBER OF CONDUCTORS WITH EXISTING CIRCUITING. CIRCUIT AS SHOWN. PROVIDE #8 CONDUCTORS AND 1 1/4 INCH CONDUIT MINIMUM.



1 SITE PLAN - ELECTRICAL DEMOLITION
E4.5



2 SITE PLAN - ELECTRICAL REMODELING
E4.5



3 LIGHT POLE BASE DETAIL
E4.5 NOT TO SCALE

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| | | | | | | | | | | | | | |
|--|--|---|---|---|---|--|--|---------------------|--|----------------|--|---|--|
| | |  <div>Dept. of Veterans Affairs Medical Center 2101 Elm Street North Fargo, ND 58102</div> |  <div>IMAGE GROUP INC., Architecture & Interiors MBN ENGINEERING, Civil Engineers</div> |  <div>MECHANICAL • ELECTRICAL • CIVIL 903 7th N N, SUITE 200 FARGO, ND 58102 PHONE: 701.476.0330 FAX: 701.476.0340</div> |  | Drawing Title | | Project Title | | Date | | <div>Department of Veterans Affairs</div>  | |
| PHASE 4 - ELECTRICAL DEMOLITION AND ELECTRICAL REMODELING | | | | | | VA MEDICAL CENTER REPLACE UTILITY MAINS AND ASPHALT | | MAY 17, 2012 | | | | | |
| VA Project No. 437-11-156 | | | | | | Contract No. VA263-P-1217 VA263-C- | | SCALE AS NOTED | | | | | |
| Building No. SITE | | | | | | AutoCAD File Name 11-110 E4.5 BOUND.DWG | | Drawing No. E4.5 | | | | | |
| Revisions | | Date | | | | Designed By MB | | Checked By MB | | Drawn By TP | | Dwg. 20 of 45 | |